

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Apr/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.501	4031.705	1) Gujrat	-1.481	9.898
2) Hydro	11.144	538.269	2) Madhya Pradesh	13.215	414.503
3) Gas	10.017	174.793	3) Chattisgarh	5.310	121.480
Total MSPGCL	174.662	4744.767	4) Maharashtra	151.997	4161.578
B) 1) APML	72.891	1783.277	5) Goa (Amona)	-2.152	-38.872
2) JSWEL	12.382	343.214	Total	166.889	4668.587
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.405	644.492
4) RPL(AMT)	18.183	735.048	b) Mumbai Drawl	28.914	626.680
5) SWPGPL	5.482	223.582	c) MSEDCL Bilateral *	37.490	1314.220
6) Other IPP	17.792	557.324	Include PX	7.804	490.571
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.405	644.379
C) 1) TPCL Thermal	11.133	410.244	Include PX	5.502	145.292
2) TPCL Hydro	5.863	95.245	Standby	0.000	0.114
3) TPCL Gas	4.285	85.106	H) ENERGY CATERED (MUs)		
4) AEML Thermal	7.809	306.916	1) MSEDCL	459.690	12999.297
D) STATE			2) Mumbai Discoms	58.004	1524.193
1) Thermal	299.173	8391.310	TOTAL STATE	517.694	14523.490
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	17.007	633.514			
3) Gas (A3+B7+C3)	14.302	259.899			
4) Wind	12.207	356.837			
6) SOLAR	8.116	213.341			
TOTAL STATE	350.805	9854.901			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6345	6549	6038	6475
MSPGCL Hydro	521	834	724	329
MSPGCL Gas	400	410	424	426
MSPGCL Total Generation	7266	7793	7186	7230
Central Sector Receipt	8527	8069	5390	6263
WIND	85	416	991	549
CPP / IPP Thermal	5428	5437	4821	5410
CPP / IPP Gas	0	0	0	0
SOLAR	1121	609	0	0
Exchange with Mumbai	-1383	-972	-1214	-1235
MSEDCL DEMAND MET	21044	21352	17174	18217
Load Shedding	0	0	0	0
MSEDCL DEMAND	21044	21352	17174	18217
TPCL GENERATION	987	1183	968	596
AEML GENERATION	283	498	284	284
MUMBAI DEMAND	2653	2653	2466	2115
STATE DEMAND MET	23697	24005	19640	20332
STATE DEMAND	23697	24005	19640	20332
Frequency (Hz)	49.99	49.99	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 08.00 Hrs	49.83 Hz at 09.07 Hrs	50	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 27/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.73	51.70	150	0
Unit 7	2.16	67.00	122	0
Unit 8	13.78	298.55	611	465
Unit 9	0.00	209.18	0	0
Unit 10	11.15	165.94	507	345
Total	29.83	792.37		
Bhusawal				
Unit 3	3.46	89.79	185	120
Unit 4	11.46	278.35	500	325
Unit 5	11.68	287.16	500	360
Total	26.60	655.29		
Parli				
Unit 6	4.56	136.21	200	184
Unit 7	4.53	140.23	198	173
Unit 8	3.93	129.05	204	0
Total	13.02	405.50		
Chandrapur				
Unit 3	3.47	62.39	153	138
Unit 4	0.00	0.00	0	0
Unit 5	9.93	264.74	430	385
Unit 6	10.08	211.03	430	402
Unit 7	0.00	0.00	0	0
Unit 8	11.60	268.42	491	471
Unit 9	10.46	291.72	452	410
Total	45.55	1098.29		
Paras				
Unit 3	5.89	147.81	253	230
Unit 4	6.00	149.94	255	208
Total	11.89	297.75		
Khaparkheda				
Unit 1	2.74	73.86	130	100
Unit 2	0.00	41.06	0	0
Unit 3	3.12	99.38	180	0
Unit 4	3.29	89.18	147	120
Unit 5	10.48	258.32	471	410
Total	19.62	561.80		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.48	108.05	200	123
Unit 5	3.50	112.64	201	128
Total	6.98	220.69		
Uran				
All Units	10.02	174.79	434	398
Total	10.02	174.79		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.15	2.11	20	0
Total	0.15	2.11		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.25	120.63	475	35
Stage 4	0.00	161.29	0	0
Stage 3	0.94	62.27	80	0
Total	4.18	344.19		
Hydro				
KDPH	0.82	23.08	34	34
VTRNA	1.11	25.19	60	0
TILLARI	0.46	11.68	58	0
BHIRA T.R.	0.32	4.80	80	0
SMLHY_PTN	4.25	126.69	192	163
GHATGHAR	0.00	2.65	0	0
Total	6.96	194.08		
Wind				
Total	12.21	356.84	0	0
Total	12.21	356.84		
CPP				
APML(Mus)	72.89	1783.28	0	0
JSWEL(Mus)	12.38	343.21	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.18	735.05	0	0
SWPGPL-Mus	5.48	223.58	0	0
Other(Mus)	17.79	557.32	0	0
Total	126.73	3642.44		
SOLAR				
Total	8.12	213.34	0	0
Total	8.12	213.34		
Tata				
Trombay 5	7.44	271.08	473	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	50.56	117	112
Trombay 7B	1.56	34.54	66	64
Trombay 8	3.69	139.17	231	137
TATA Hydro	5.86	95.24	393	0
Total	21.28	590.60		
AEML				
DTPS U-1&2	7.81	306.92	498	282
Total	7.81	306.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.50	4031.70	MSPGCL Total	174.66	4744.77
			MSPGCL Thml+Gas	163.52	4206.50	Koyna 1,2 & 4 Total	3.25	281.92
			MSPGCL Hydro	11.14	538.27	State Total	350.80	9854.90

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Apr/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6581	258	424	7263	791	5545	0	0	6847	6362	-1362	18599	0	18599	2566	21165	50.01
2	6488	298	416	7202	585	5483	0	0	6737	6562	-1437	18395	0	18395	2377	20772	49.97
3	6489	320	434	7243	496	5499	0	0	6486	6350	-1347	18241	0	18241	2226	20467	49.98
4	6475	329	426	7230	549	5410	0	0	6426	6263	-1235	18217	0	18217	2115	20332	50.01
5	6565	318	416	7299	365	5212	0	0	6990	6681	-1183	18374	0	18374	2061	20435	49.99
6	6673	318	427	7418	274	5436	0	0	7258	7271	-1215	19184	0	19184	2100	21284	49.99
7	6812	380	428	7620	150	5461	0	45	7656	7442	-863	19855	0	19855	2086	21941	50.03
8	6719	385	426	7530	178	5463	0	271	7902	7457	-925	19974	0	19974	2131	22105	50.08
9	6499	376	425	7300	149	5285	0	573	7752	7619	-1215	19711	0	19711	2290	22001	50.05
10	6397	426	422	7245	148	5218	0	833	7871	7975	-1280	20139	0	20139	2489	22628	49.97
11	6354	488	411	7253	90	5436	0	1003	8102	8039	-1374	20447	0	20447	2618	23065	50.01
12	6345	521	400	7266	85	5428	0	1121	8325	8527	-1383	21044	0	21044	2653	23697	49.99
13	6367	600	398	7365	89	5417	0	1134	8096	8151	-1375	20781	0	20781	2645	23426	49.97
14	6456	834	407	7697	88	5414	0	1075	7626	7459	-1315	20418	0	20418	2600	23018	49.94
15	6636	681	418	7735	141	5425	0	952	7954	8007	-1159	21101	0	21101	2667	23768	50.00
16	6549	834	410	7793	416	5437	0	609	8172	8069	-972	21352	0	21352	2653	24005	49.99
17	6526	718	408	7652	626	5453	0	335	7652	7522	-861	20727	0	20727	2565	23292	50.01
18	6348	321	411	7080	558	5412	0	153	6678	6307	-1033	18477	0	18477	2403	20880	50.01
19	6082	317	422	6821	948	4819	0	12	6156	5761	-1148	17213	0	17213	2279	19492	49.97
20	5792	433	413	6638	1481	4380	0	0	5900	5901	-1136	17264	0	17264	2370	19634	50.02
21	5919	449	413	6781	1108	4360	0	0	5808	5568	-1186	16631	0	16631	2427	19058	50.01
22	6038	724	424	7186	991	4821	0	0	5723	5390	-1214	17174	0	17174	2466	19640	49.99
23	6180	335	424	6939	1101	5420	0	0	6100	6130	-1302	18288	0	18288	2570	20858	50.02
24	6211	481	414	7106	800	5496	0	0	6251	6076	-1394	18084	0	18084	2647	20730	49.98
MUs	153.50	11.14	10.02	174.66	12.21	126.73	0.00	8.12	170.47	166.89	-28.91	459.69	0.00	459.69	58.00	517.69	50.00

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center, Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 27/Apr/2021

Position as on 6.30 Hrs of 28/Apr/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital overhaul)	
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.12.05.21)	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkheda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
IPP	RPL(AMT) U-1	270	20/04/2021	01.00	28/04/2021	23.58	Bottom Ash System Problem.	
IPP	RPL(AMT) U-2	270	21/04/2021	01.00		Continued.	Due to coal issue.	
MSPGCL	Koradi Unit 9	660	24/04/2021	14.59		Continued.	Boiler Tube Leakage	
IPP	SWPGPL U-2	135	25/04/2021	23.51		Continued.	ID Fan Vibrations	
MSPGCL	Khaparkheda Unit 3	210	27/04/2021	08.35	27/04/2021	11.55	Flame Failure	
MSPGCL	Parli Unit 8	250	27/04/2021	18.42	27/04/2021	21.48	Flame Failure	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 5	500	28/04/2021	13.01		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	28/04/2021	14.17	28/04/2021	17.30	High Drum Level	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 28/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Akola Wardha li	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddhi highway)
Akola Wardha I	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddhi highway).
Dhule Sar'Sarovar I	InterState	27/04/2021	18.14	28/04/2021	09.18	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	28/04/2021	17.53		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	26/04/2021	20.15	27/04/2021	10.50	T	Distance Protection
Deepnagar Taptitanda	IntraState	27/04/2021	06.56	27/04/2021	18.08	PO	Replacement Of Faulty Insulator String.
Koradi-Bhusawal	IntraState	27/04/2021	12.31	27/04/2021	13.33	T	Distance Protection
Ektuni-Bableshwar ckt II	IntraState	28/04/2021	20.07		Continued.	T	Distance Protection
Girwali-Solapur (Lamboti)	IntraState	28/04/2021	23.33		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 315 MVA ICT-I @Aurangabad (Waluj)	IntraState	26/04/2021	11.02	27/04/2021	17.21	PO	Retrofitting of REF relay under MTAMC project.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Solapur (Pg) South Solapur li	InterState	28/04/2021	11.15	28/04/2021	13.18	PO	Quarterly Maintenance Work
Chalishaon -Babhaleshwar	IntraState	24/04/2021	09.52		Continued.	PO	For Shifting/Erection Work of monopole Tower Work For samruddhi express Highway work 4 nos of monopole erection & 2nos of tower erection work. Dismantling of 2nos of tower loc no.220-223.
Chikhli-Jalna-I	IntraState	26/04/2021	12.14		Continued.	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Chikhli-Jalna-II	IntraState	26/04/2021	12.16		Continued.	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Miraj-Ichalkaranji I	IntraState	27/04/2021	11.55	27/04/2021	16.56	PO	Quarterly Maintenance Work
Dahanu Versova	IntraState	28/04/2021	06.49	28/04/2021	18.55	PO	shifting of SS line from its existing position
Wardha-Dhamangaon	IntraState	28/04/2021	07.02	28/04/2021	13.52	PO	Samruddhi highway crossing work
Dahanu-Viraj	IntraState	28/04/2021	10.15	28/04/2021	10.49	T	Distance Protection
Tembhurni - Jeur	IntraState	28/04/2021	10.30	28/04/2021	13.03	PO	Quarterly Maintenance Work
Peth- Mudshingi -I	IntraState	28/04/2021	10.51	28/04/2021	13.14	T	Quarterly Maintenance Work
Sonkhar - Trombay	IntraState	28/04/2021	11.22	28/04/2021	19.10	PO	OPGW stringing work
Kharepatan -Pawas Line	IntraState	28/04/2021	12.52	28/04/2021	13.56	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	27/04/2021	09.45	27/04/2021	16.01	PO	Routine Maintenance Work

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage